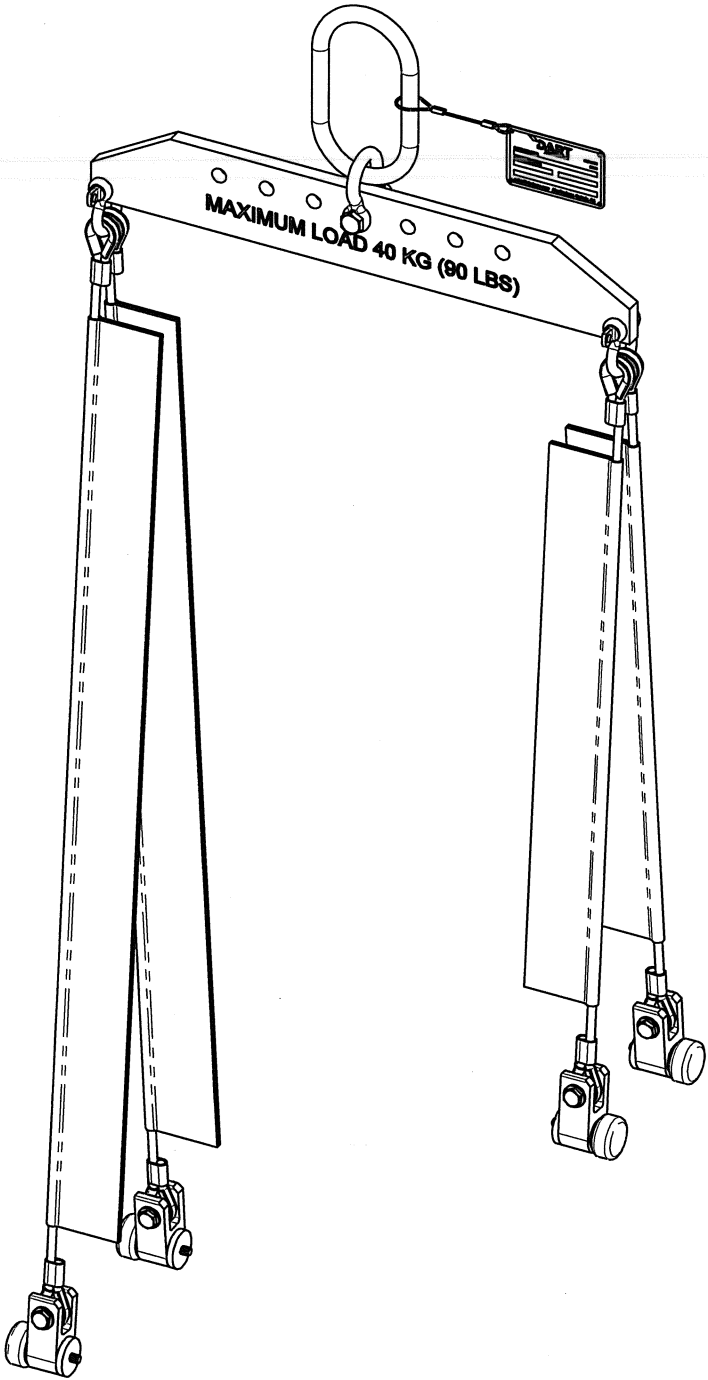
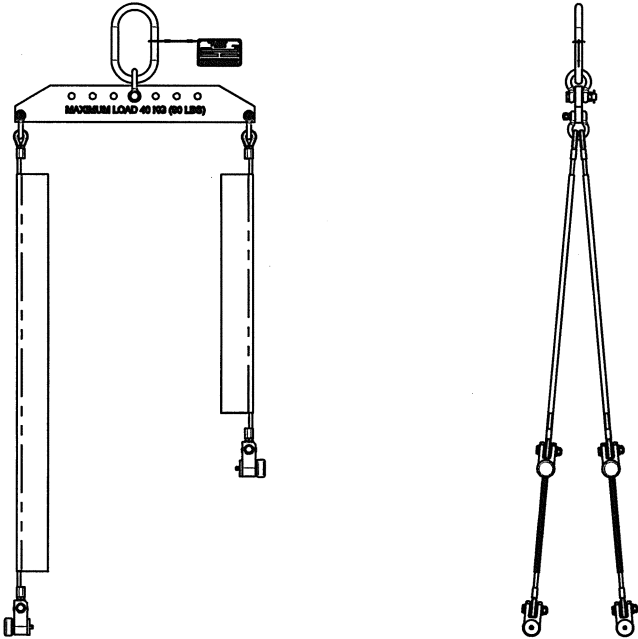


ITEM #	QTY	PART #	PART TITLE
-1	1	RBW7111G00131-8G-1	BASE PLATE
-2	4	RBW7111G00131-8G-2	CABLE END
-3	4	RBW7111G00131-8G-3	DISK
-4	4	RBW7111G00131-8G-4	KNOB
-5	2	RBW7111G00131-8G-5	LONG JACKET ASSEMBLY
-9	2	RBW7111G00131-8G-9	SHORT JACKET ASSEMBLY
13	1	RB41011	DART PLACARD
14	A/R	CARR-LANE#CL-2-C	NYLON COATED STEEL LANYARD 1/16" DIA.
15	2	McMaster#3550T34 OR EQUIV.	STEEL WIRE ROPE SLING 1/4" DIA. X 3' LG.
16	2	McMaster#3550T34 OR EQUIV.	STEEL WIRE ROPE SLING 1/4" DIA. X 2' LG.
17	1	McMaster#3568T42 OR EQUIV.	STEEL OBLING LINK 1/2" THK. X 5" LG. X 2-1/2" WD. X 4100 LBS. CAPACITY.
18	2	McMaster#3896T31 OR EQUIV.	ALUMINUM WIRE ROPE COMPRESSION SLEEVE 1/16" DIA. X 3/8" LG.
19	2	McMaster#8494T13 OR EQUIV.	STEEL SCREW PIN SHACKLE 3/8" PIN DIA. X 1500 LBS. CAPACITY.
20	1	McMaster#8494T28 OR EQUIV.	STEEL SAFETY PIN SHACKLE 3/8" THK. X 7/16" DIA.
21	4	McMaster#93298A125 OR EQUIV.	STEEL NYLON-INSERT FLANGE LOCKNUT 5/16"-24 X 11/32" HEIGHT.
22	8	McMaster#98023A030 OR EQUIV.	STEEL WASHER 0.344" ID X 0.688" OD.
23	4	AN5-15A	STEEL HEX HEAD SCREW 5/16"-24 X 1-23/32" LG. X 1-3/16" GRIP LG.



- NOTES:
- 1) MATERIAL: N/A
 - 2) HEAT TREAT: N/A
 - 3) FINISH: N/A
 - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
 - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 6) REMOVE ALL SHARP EDGES, BURRS, AND WELD SPATTERS IF APPLICABLE
 - 7) IDENTIFICATION: ENGRAVE THE SAFE WORKING LOAD 40 KG (90 LBS), TOOL P/N AND S/N, ON THE DART PLACARD WHERE INDICATED
 - 8) ASSEMBLE AS SHOWN
 - 9) INSTALL ITEM -3 HAND TIGHT
 - 10) APPLY RED THREADLOCKER LOCTITE 263/262 ON THREADS OF ITEM 19 THEN ASSEMBLE WITH ITEM 21 AND REMOVE EXCESS
 - 11) TORQUE ITEM 21 TO 15-20 FT-LBS (180-240 IN-LBS)
 - 12) ASSEMBLED LANYARD LENGTH MUST BE 3" +/- 1"
 - 13) SEWN ITEM -5 CENTER WITH ITEM 15
 - 14) SEWN ITEM -9 CENTER WITH ITEM 16

RBW7111G00131-8G FWD SLIDING COWLING LIFTING SLING TOOL

A	NEW ISSUE	19-537	KPT
REV.	DESCRIPTION	ECN #	BY
DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	MBB	TOOL PART #	REV. A
MFG. APPR.	DP	RBW7111G00131-8G	SHEET 1 OF 15
APPROVED	VH	TITLE	SCALE
		FWD SLIDING COWLING LIFTING SLING TOOL	NTS
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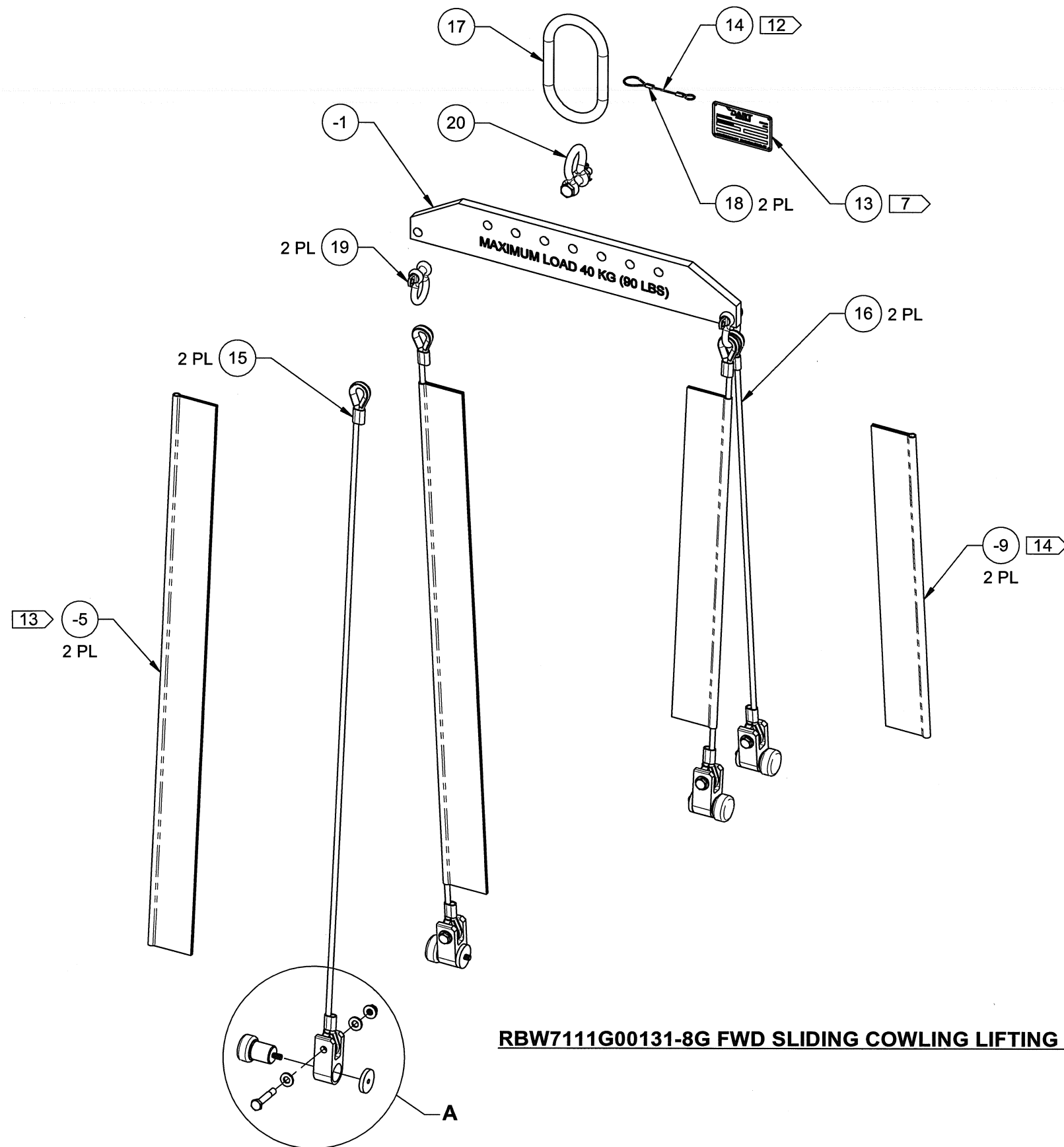
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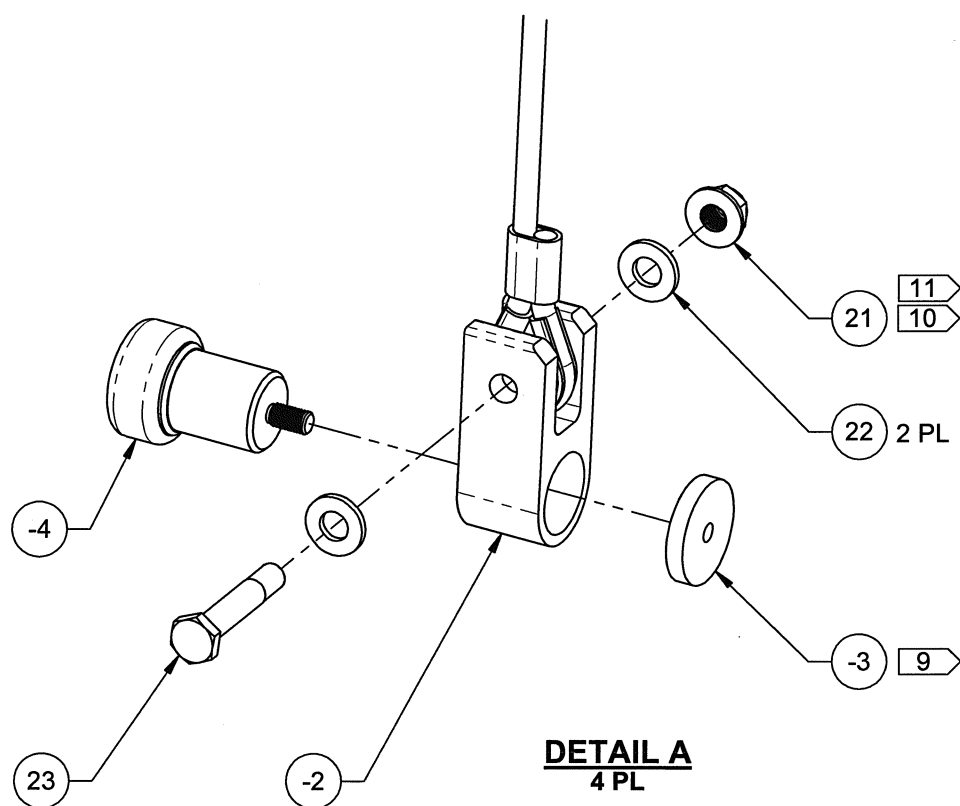
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RBW7111G00131-8G FWD SLIDING COWLING LIFTING SLING TOOL



DESIGN	KPT	DART AEROSPACE LTD	
DRAWN	KPT	HAWKESBURY, ONTARIO, CANADA	
CHECKED	MBB	TOOL PART #	REV. A
MFG. APPR.	DP	RBW7111G00131-8G	SHEET 2 OF 15
APPROVED		TITLE	SCALE
		FWD SLIDING COWLING LIFTING SLING TOOL	NTS
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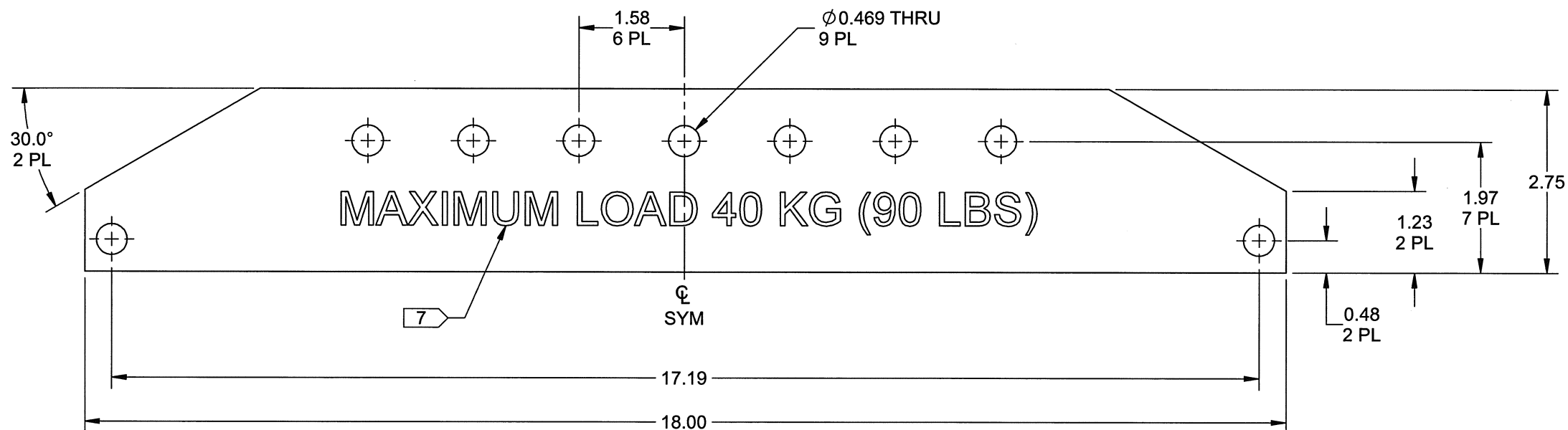
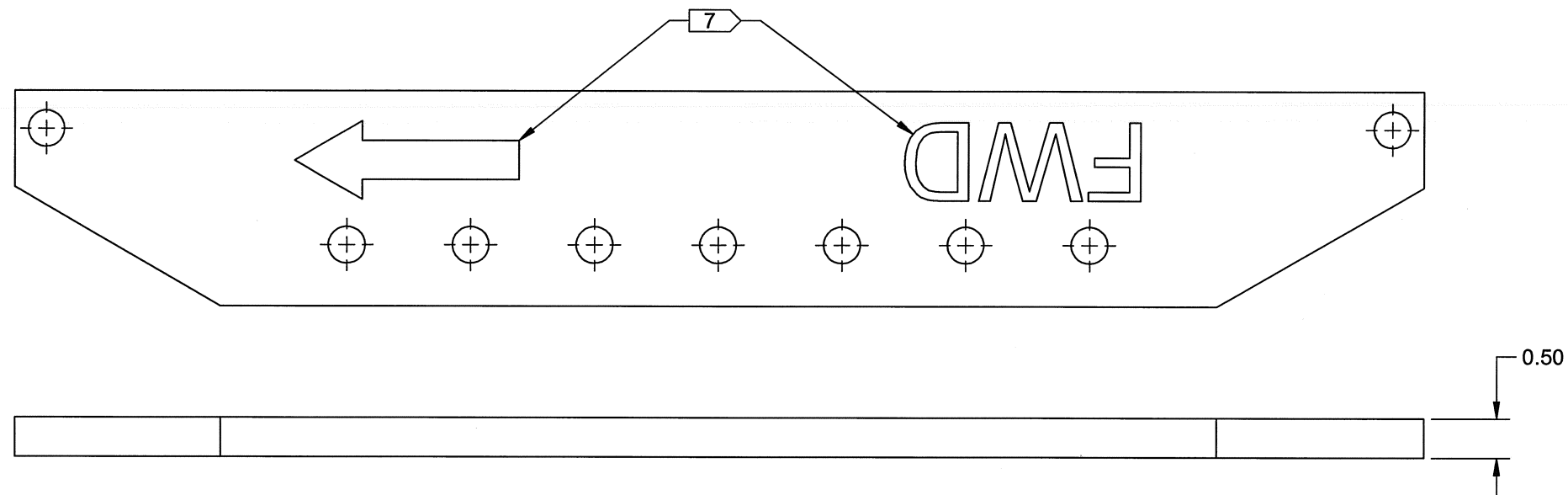
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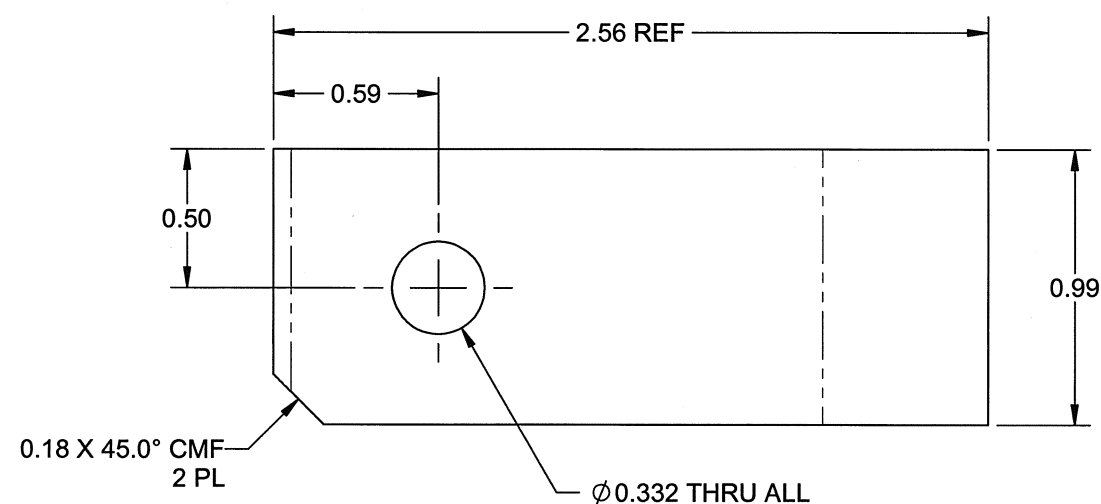
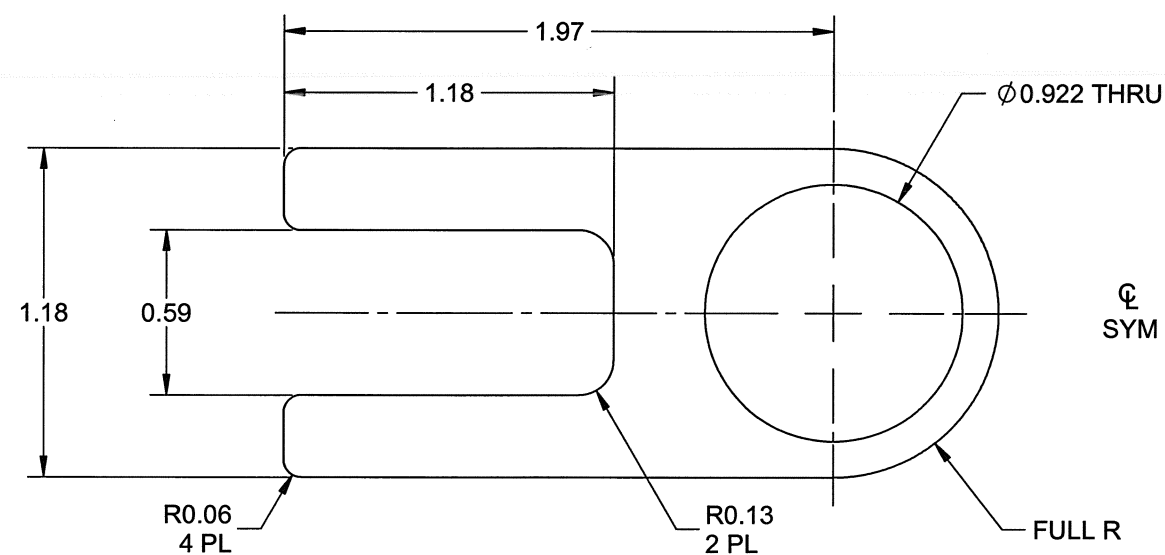
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**RBW7111G00131-8G-1 BASE PLATE****NOTES:**

- 1) MATERIAL: 7075-T6
- 2) HEAT TREAT: N/A
- 3) FINISH: ANODIZE RED PER MIL-A-8625 TYPE 2 CLASS 2
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) REMOVE ALL SHARP EDGES, BURRS, AND WELD SPATTERS IF APPLICABLE
- 7) IDENTIFICATION: LASER ENGRAVE AS SHOWN

DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	MBB	TOOL PART #	REV. A
MFG. APPR.	DP	RBW7111G00131-8G	SHEET 3 OF 15
APPROVED	<i>WJ</i>	TITLE	SCALE
DATE 30/01/2019		FWD SLIDING COWLING LIFTING SLING TOOL	NTS
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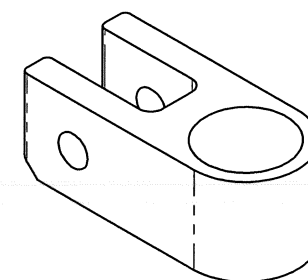


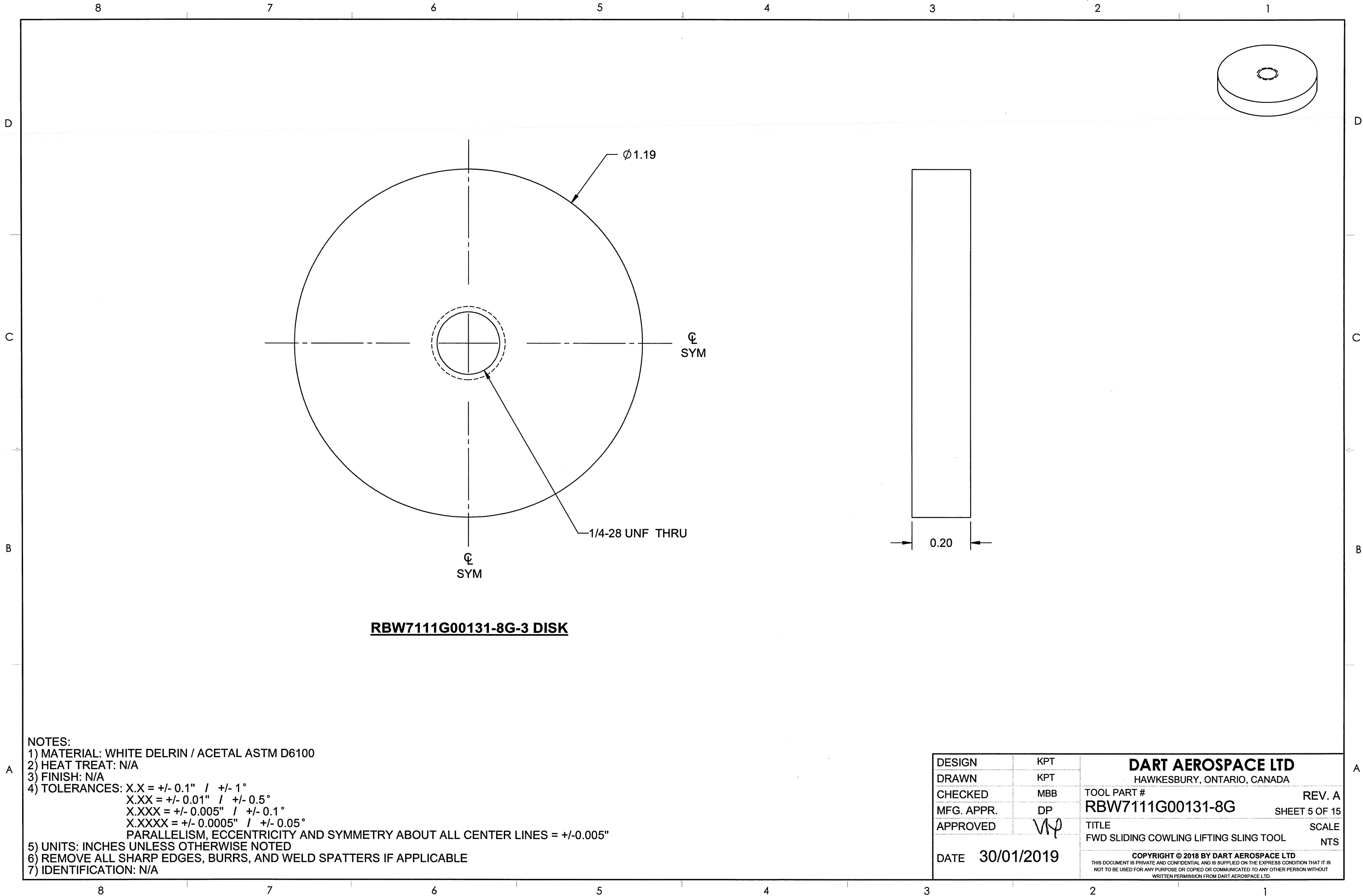
RBW7111G00131-8G-2 CABLE END

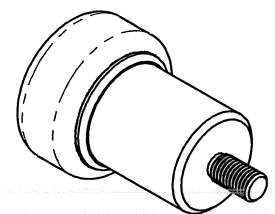
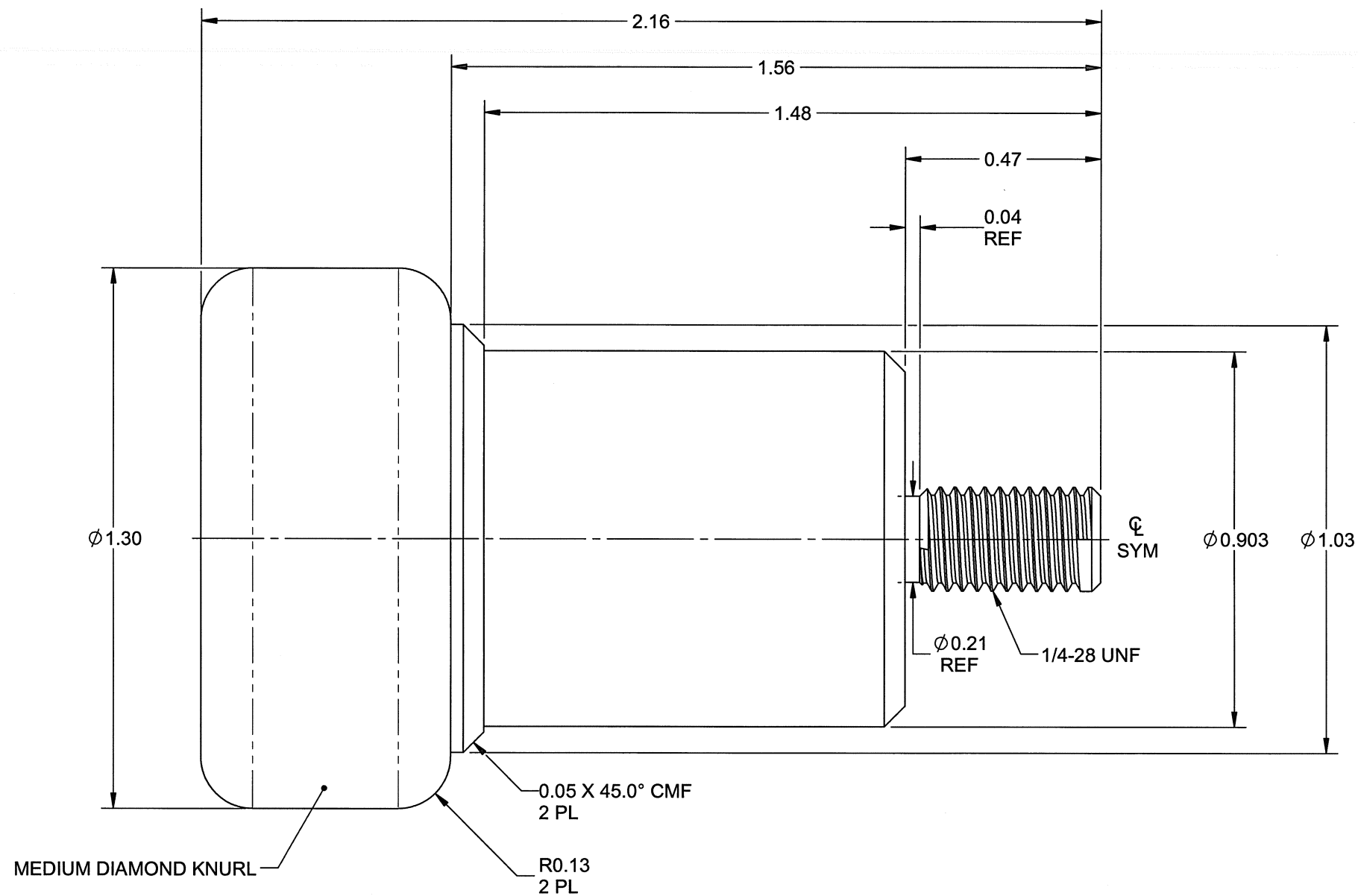
NOTES:

- 1) MATERIAL: 6061-T6
- 2) HEAT TREAT: N/A
- 3) FINISH: ANODIZE RED PER MIL-A-8625 TYPE 2 CLASS 2
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) REMOVE ALL SHARP EDGES, BURRS, AND WELD SPATTERS IF APPLICABLE
- 7) IDENTIFICATION: N/A

DESIGN	KPT	DART AEROSPACE LTD	
DRAWN	KPT	HAWKESBURY, ONTARIO, CANADA	
CHECKED	MBB	TOOL PART #	REV. A
MFG. APPR.	DP	RBW7111G00131-8G	SHEET 4 OF 15
APPROVED	<i>WY</i>	TITLE	SCALE
DATE 30/01/2019		FWD SLIDING COWLING LIFTING SLING TOOL	NTS
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RBW7111G00131-8G-4 KNOB

NOTES:

1) MATERIAL: 303/304/316 STAINLESS STEEL

2) HEAT TREAT: N/A

3) FINISH: N/A

4) TOLERANCES: X.X = $\pm 0.1"$ / $\pm 1^\circ$

X.XX = $\pm 0.01"$ / $\pm 0.5^\circ$

X.XXX = $\pm 0.005"$ / $\pm 0.1^\circ$

X.XXXX = $\pm 0.0005"$ / $\pm 0.05^\circ$

PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = $\pm 0.005"$

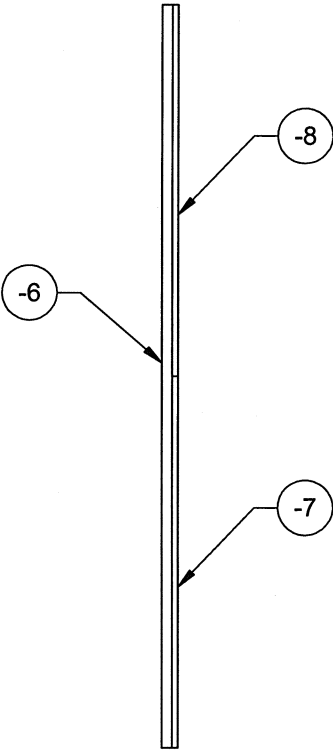
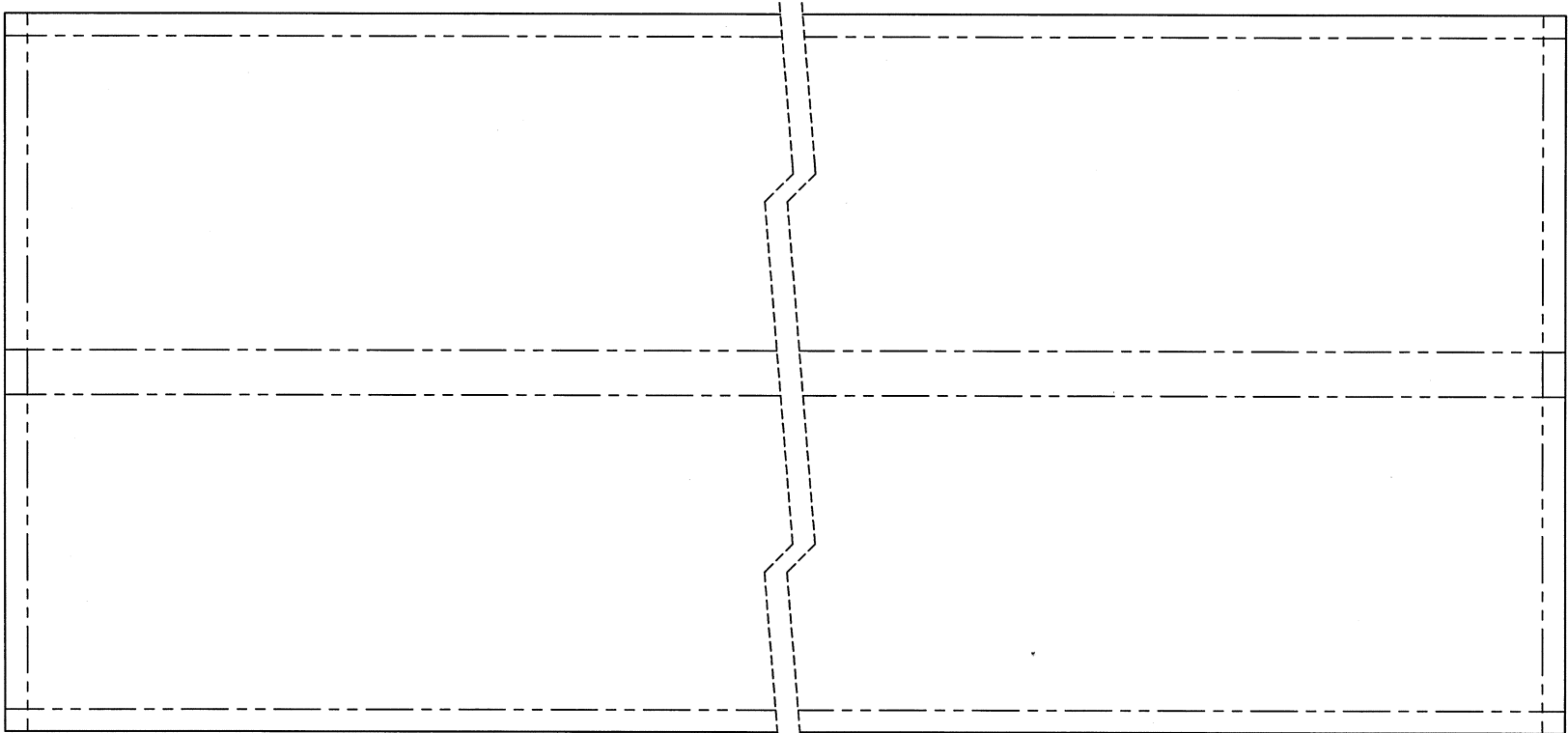
5) UNITS: INCHES UNLESS OTHERWISE NOTED

6) REMOVE ALL SHARP EDGES, BURRS, AND WELD SPATTERS IF APPLICABLE

7) IDENTIFICATION: N/A

DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	MBB	TOOL PART #	REV. A
MFG. APPR.	DP	RBW7111G00131-8G	SHEET 6 OF 15
APPROVED	<i>VIP</i>	TITLE	SCALE
DATE 30/01/2019		FWD SLIDING COWLING LIFTING SLING TOOL	NTS
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ITEM #	QTY	PART #	PART TITLE
-6	1	RBW7111G00131-8G-6	LONG JACKET
-7	1	RBW7111G00131-8G-7	LONG FASTENER LOOP
-8	1	RBW7111G00131-8G-8	LONG FASTENER HOOK




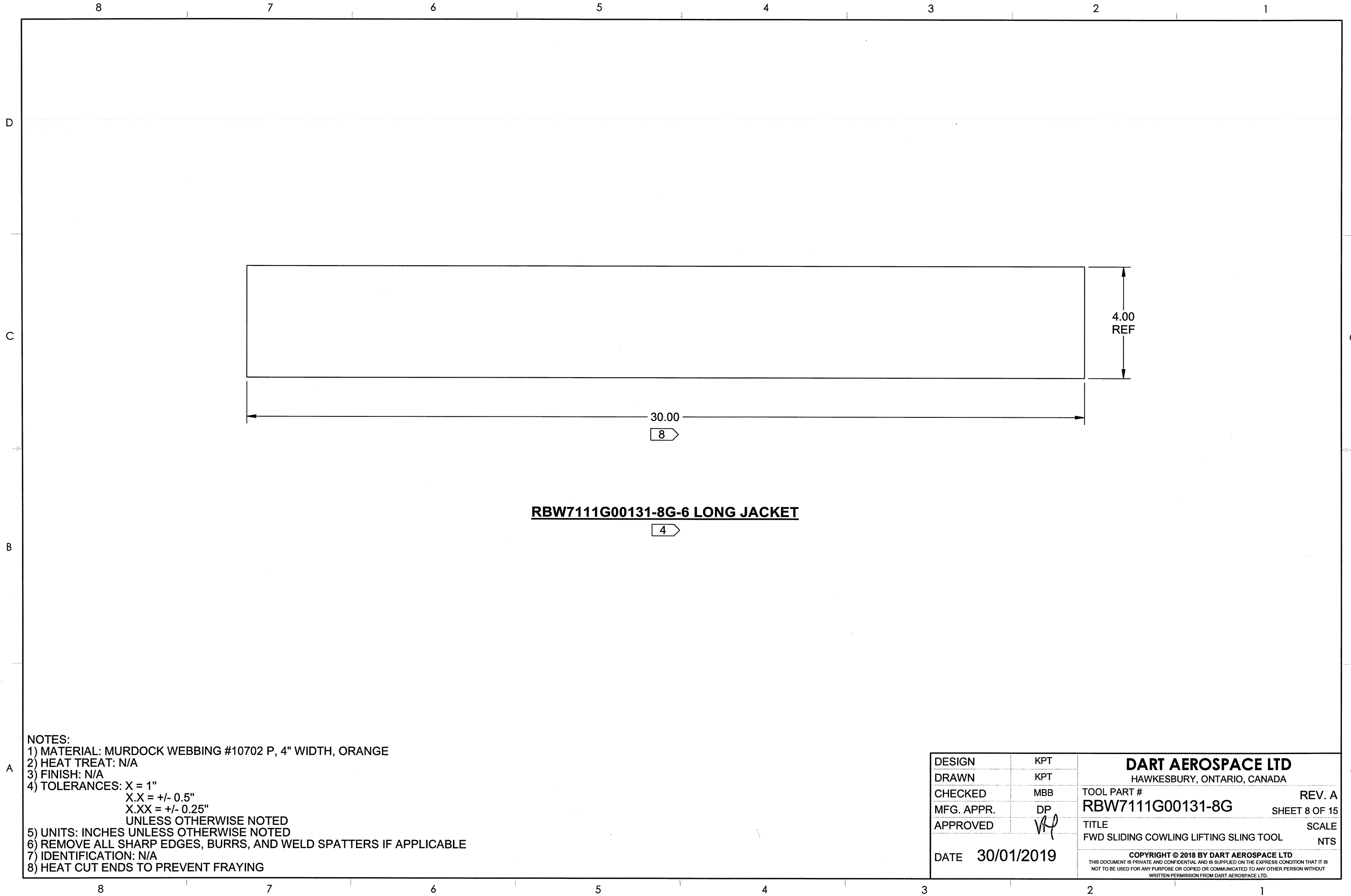
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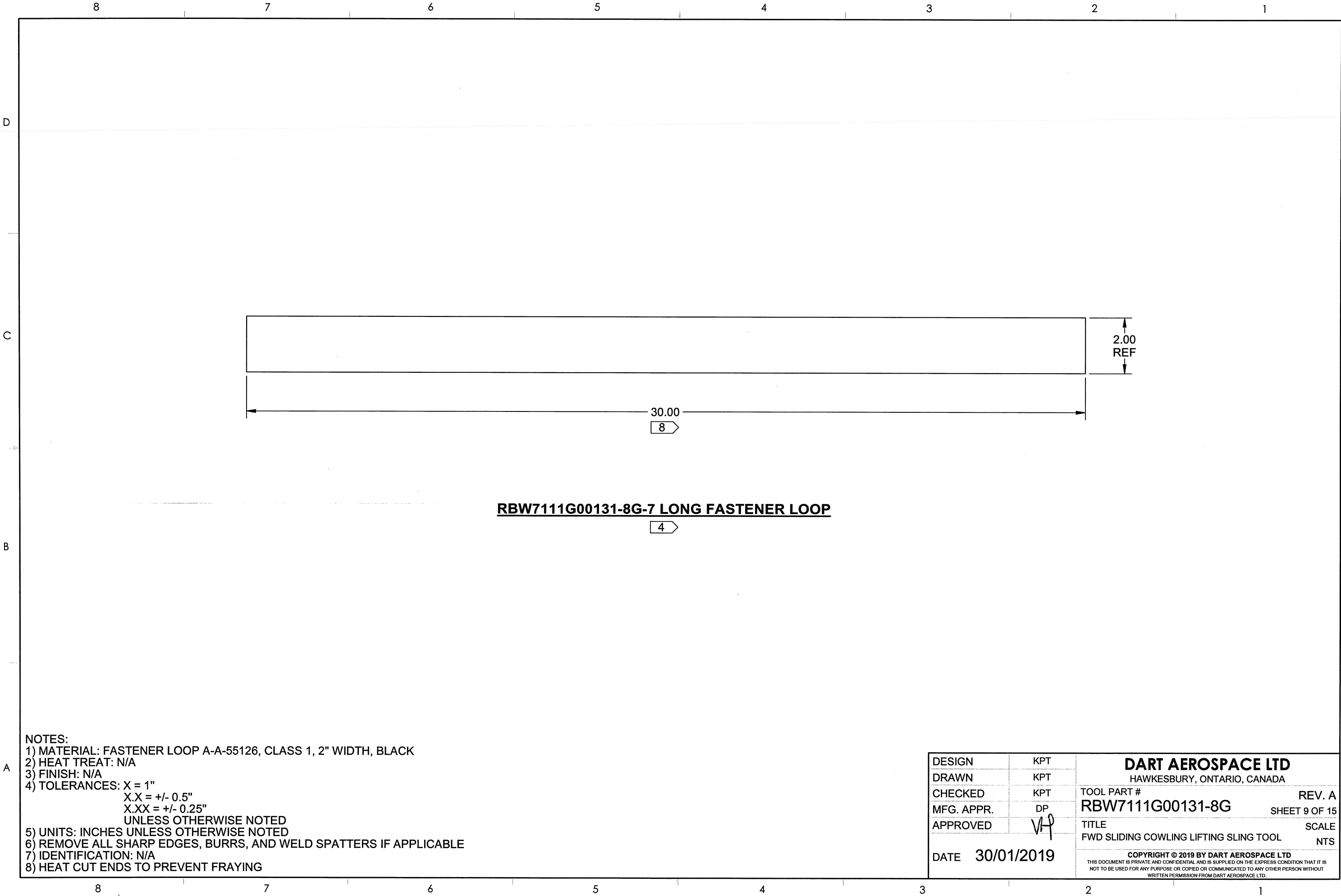
RBW7111G00131-8G-5 LONG JACKET ASSEMBLY

4 8 9 10 11


- NOTES:
- 1) MATERIAL: N/A
 - 2) HEAT TREAT: N/A
 - 3) FINISH: N/A
 - 4) TOLERANCES: X = +/- 1"
X.X = +/- 0.5"
X.XX = +/- 0.25"
UNLESS OTHERWISE NOTED
 - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 6) REMOVE ALL SHARP EDGES, BURRS, AND WELD SPATTERS IF APPLICABLE
 - 7) IDENTIFICATION: N/A
 - 8) SEW ITEMS TOGETHER AS SHOWN
 - 9) STITCHING TO BE IAW ASTM D6193, TYPE 301, 6-10 STITCHES PER INCH, MINIMUM (1/2IN) BACKSTITCH, (1/2IN) SEAM ALLOWANCE, (1/2IN) TURNBACKS WHERE SHOWN, (1/8IN) FROM EDGE, ADDITIONAL ROWS OF SEWING ARE ACCEPTABLE TO ASSIST IN ASSEMBLY
 - 10) PHANTOM LINES REPRESENT STITCHING
 - 11) FASTENER LOOP/HOOK MUST BE ALIGNED WITH END OF JACKET BEFORE SEWING

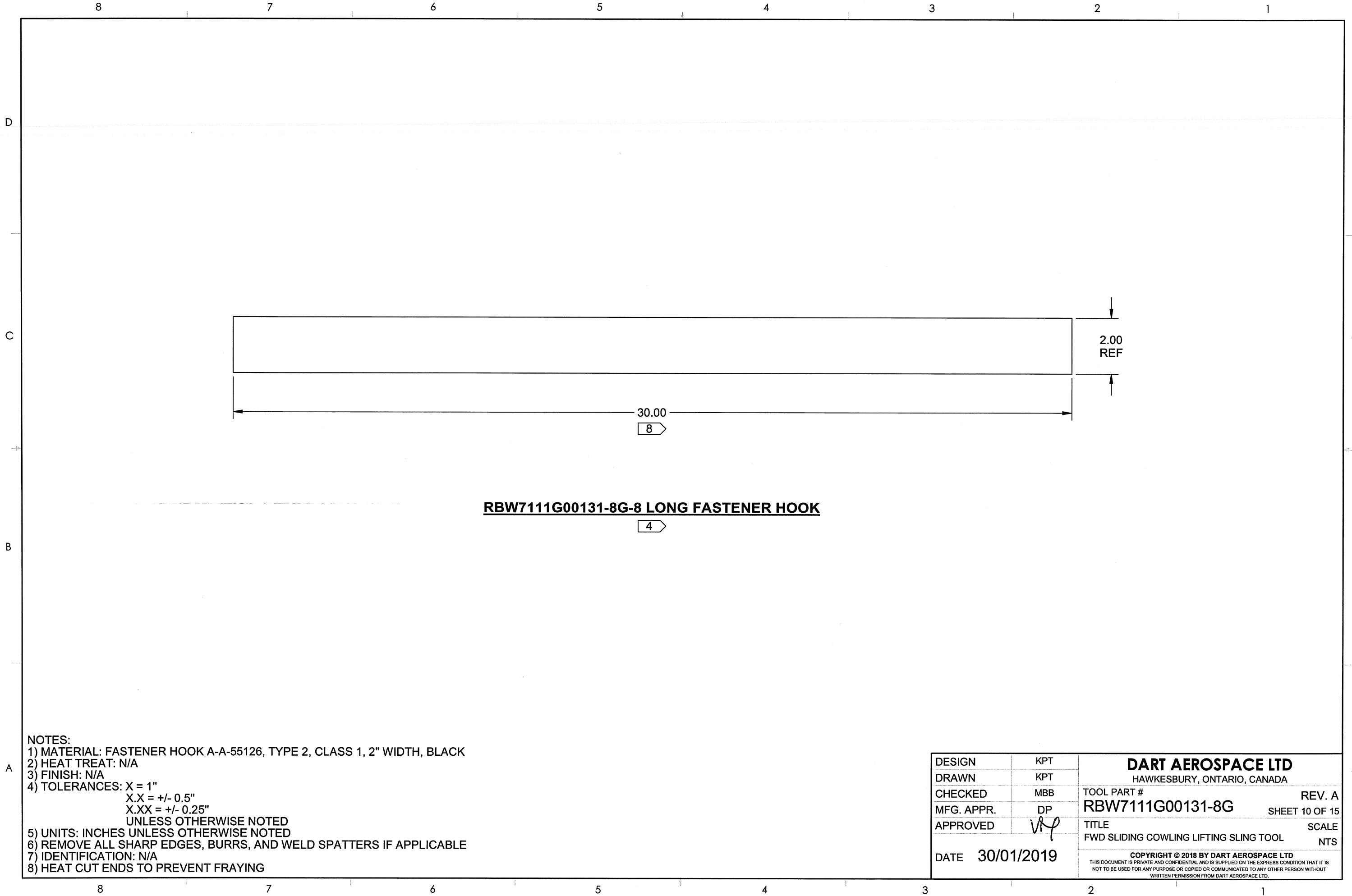
DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	MBB	TOOL PART #	REV. A
MFG. APPR.	DP	RBW7111G00131-8G	SHEET 7 OF 15
APPROVED		TITLE	SCALE
DATE 30/01/2019		FWD SLIDING COWLING LIFTING SLING TOOL	NTS
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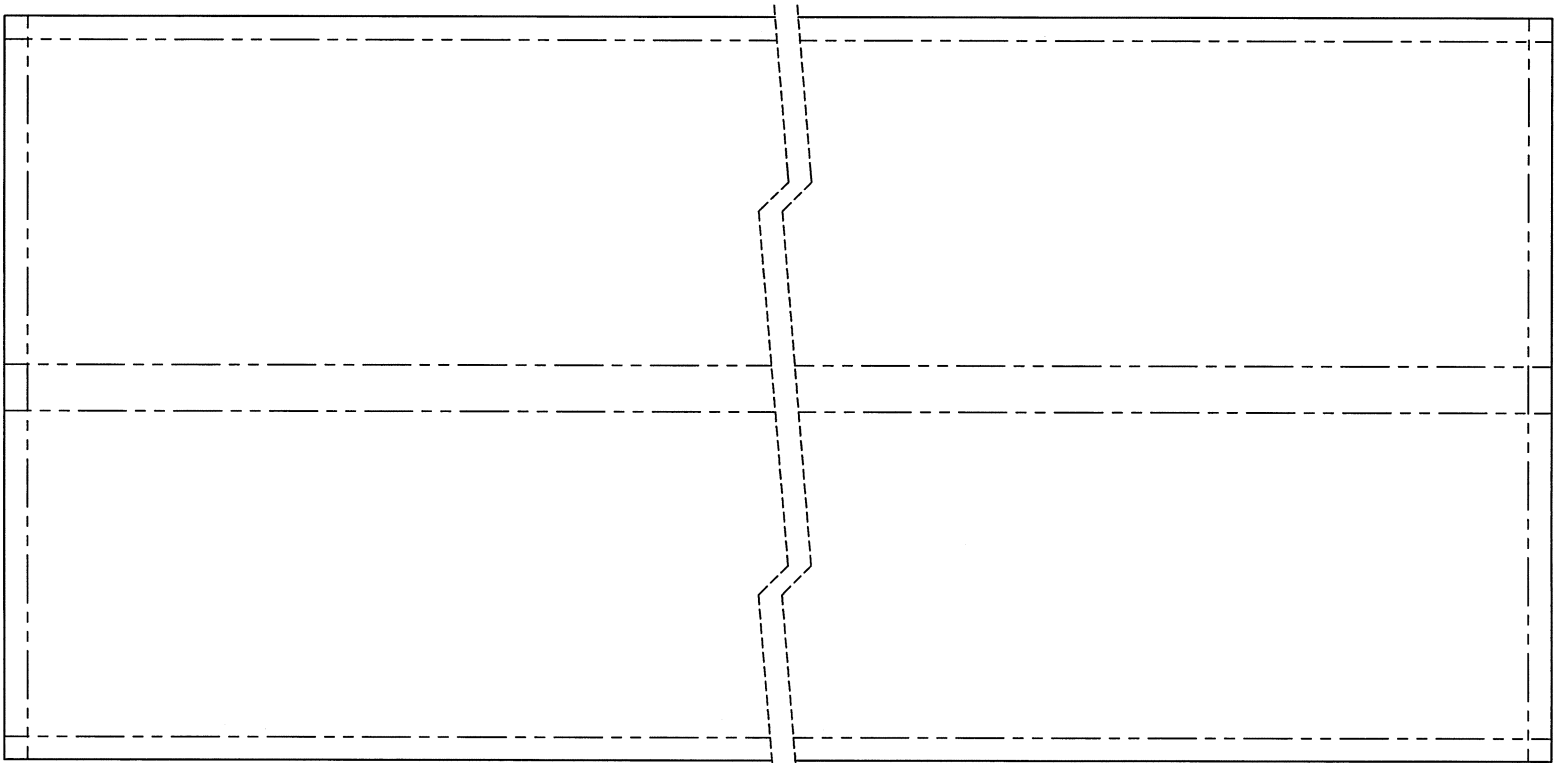


NOTES:
1) MATERIAL: FASTENER LOOP A-A-55126, CLASS 1, 2" WIDTH, BLACK
2) HEAT TREAT: N/A
3) FINISH: N/A
4) TOLERANCES: X = 1"
 X.X = +/- 0.5"
 X.XX = +/- 0.25"
 UNLESS OTHERWISE NOTED
5) UNITS: INCHES UNLESS OTHERWISE NOTED
6) REMOVE ALL SHARP EDGES, BURRS, AND WELD SPATTERS IF APPLICABLE
7) IDENTIFICATION: N/A
8) HEAT CUT ENDS TO PREVENT FRAYING

DESIGN	KPT	DART AEROSPACE LTD	
DRAWN	KPT	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	TOOL PART #	REV. A
MFG. APPR.	DP	RBW7111G00131-8G	SHEET 9 OF 15
APPROVED		TITLE	SCALE
		FWD SLIDING COWLING LIFTING SLING TOOL	NTS
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ITEM #	QTY	PART #	PART TITLE
-10	1	RBW7111G00131-8G-10	SHORT JACKET
-11	1	RBW7111G00131-8G-11	SHORT FASTENER LOOP
-12	1	RBW7111G00131-8G-12	SHORT FASTENER HOOK



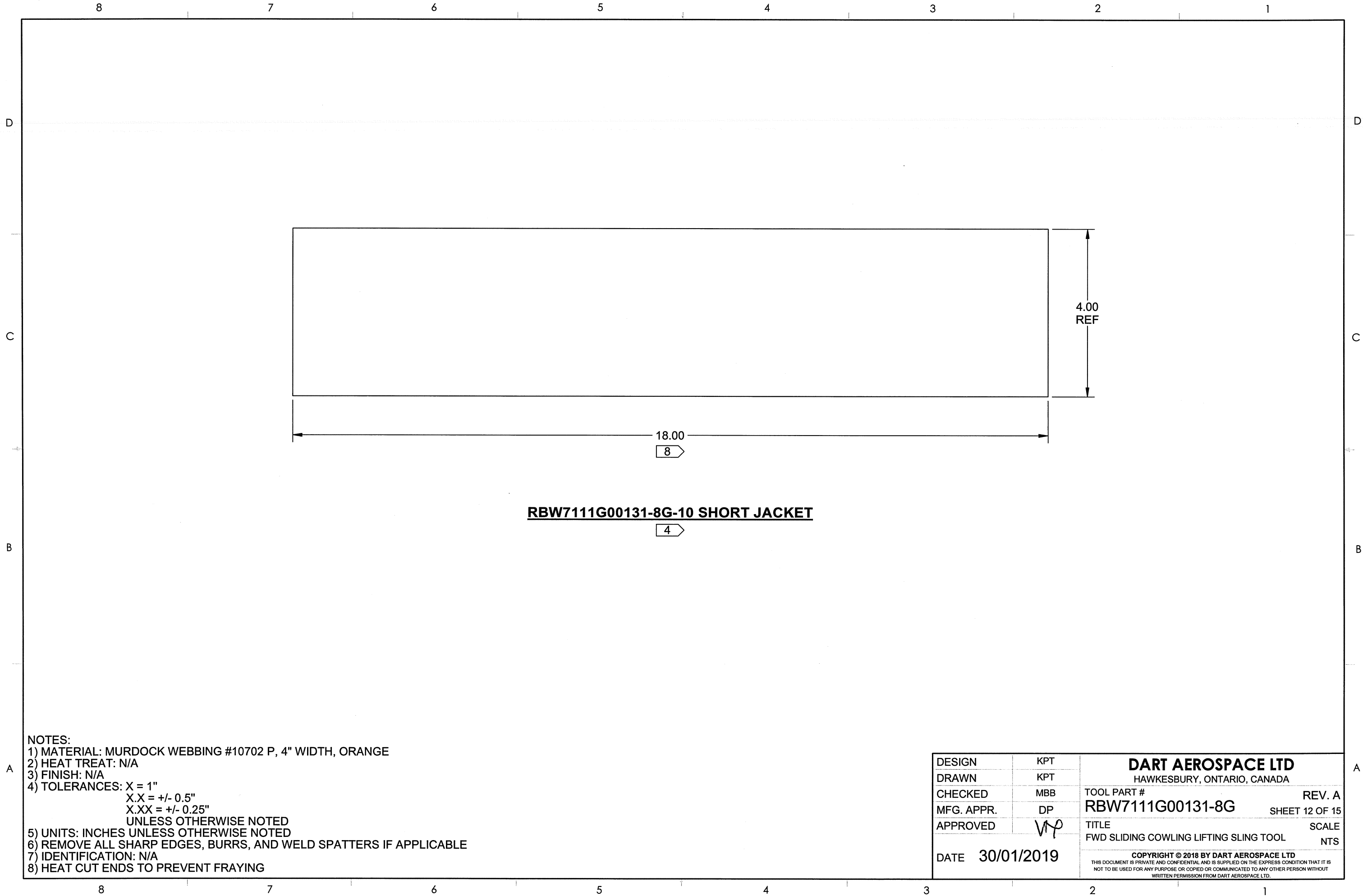
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RBW7111G00131-8G-9 SHORT JACKET ASSEMBLY

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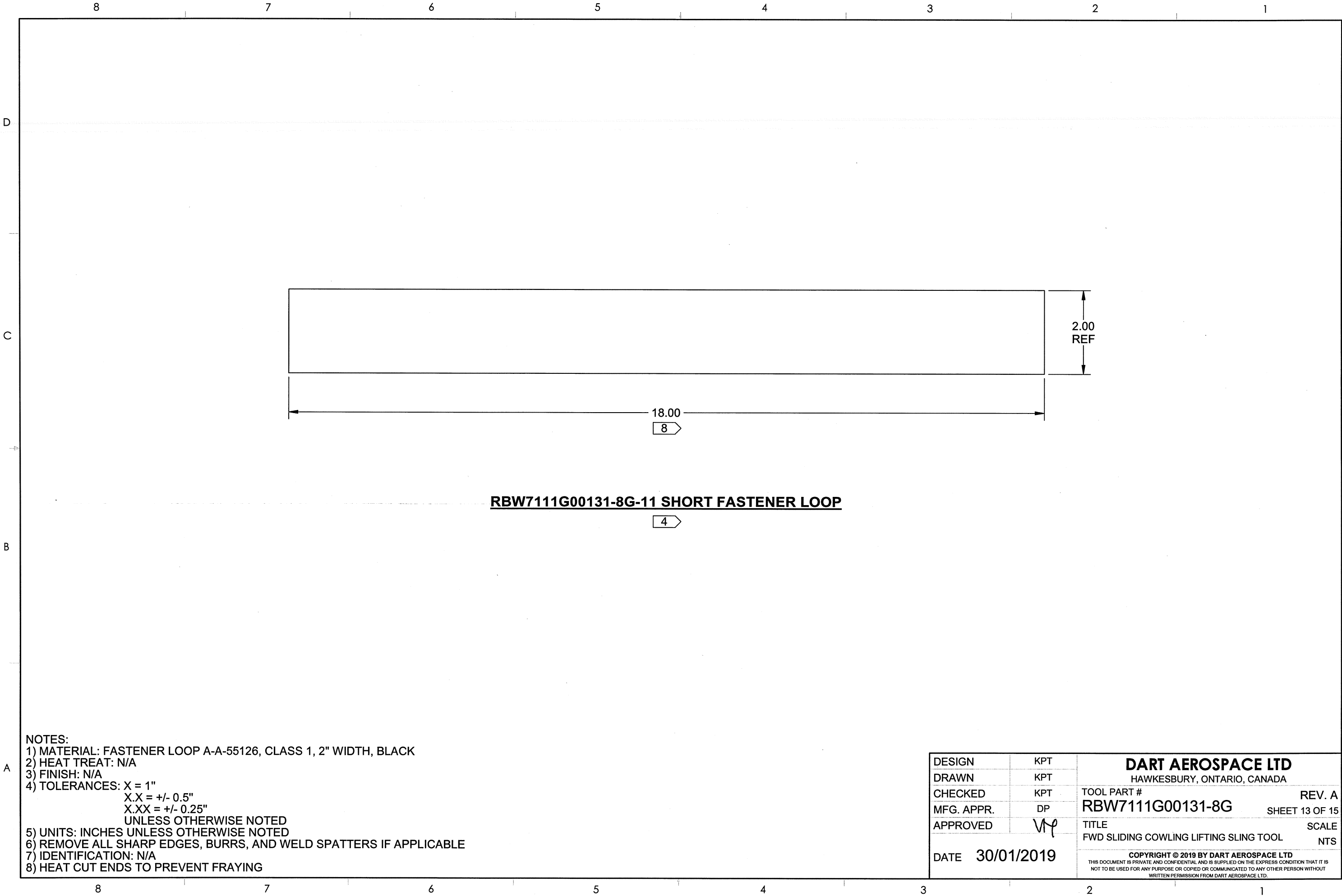
- NOTES:
- 1) MATERIAL: N/A
 - 2) HEAT TREAT: N/A
 - 3) FINISH: N/A
 - 4) TOLERANCES: X = +/- 1"
X.X = +/- 0.5"
X.XX = +/- 0.25"
UNLESS OTHERWISE NOTED
 - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 6) REMOVE ALL SHARP EDGES, BURRS, AND WELD SPATTERS IF APPLICABLE
 - 7) IDENTIFICATION: N/A
 - 8) SEW ITEMS TOGETHER AS SHOWN
 - 9) STITCHING TO BE IAW ASTM D6193, TYPE 301, 6-10 STITCHES PER INCH, MINIMUM (1/2IN) BACKSTITCH, (1/2IN) SEAM ALLOWANCE, (1/2IN) TURNBACKS WHERE SHOWN, (1/8IN) FROM EDGE, ADDITIONAL ROWS OF SEWING ARE ACCEPTABLE TO ASSIST IN ASSEMBLY
 - 10) PHANTOM LINES REPRESENT STITCHING
 - 11) FASTENER LOOP/HOOK MUST BE ALIGNED WITH END OF JACKET BEFORE SEWING

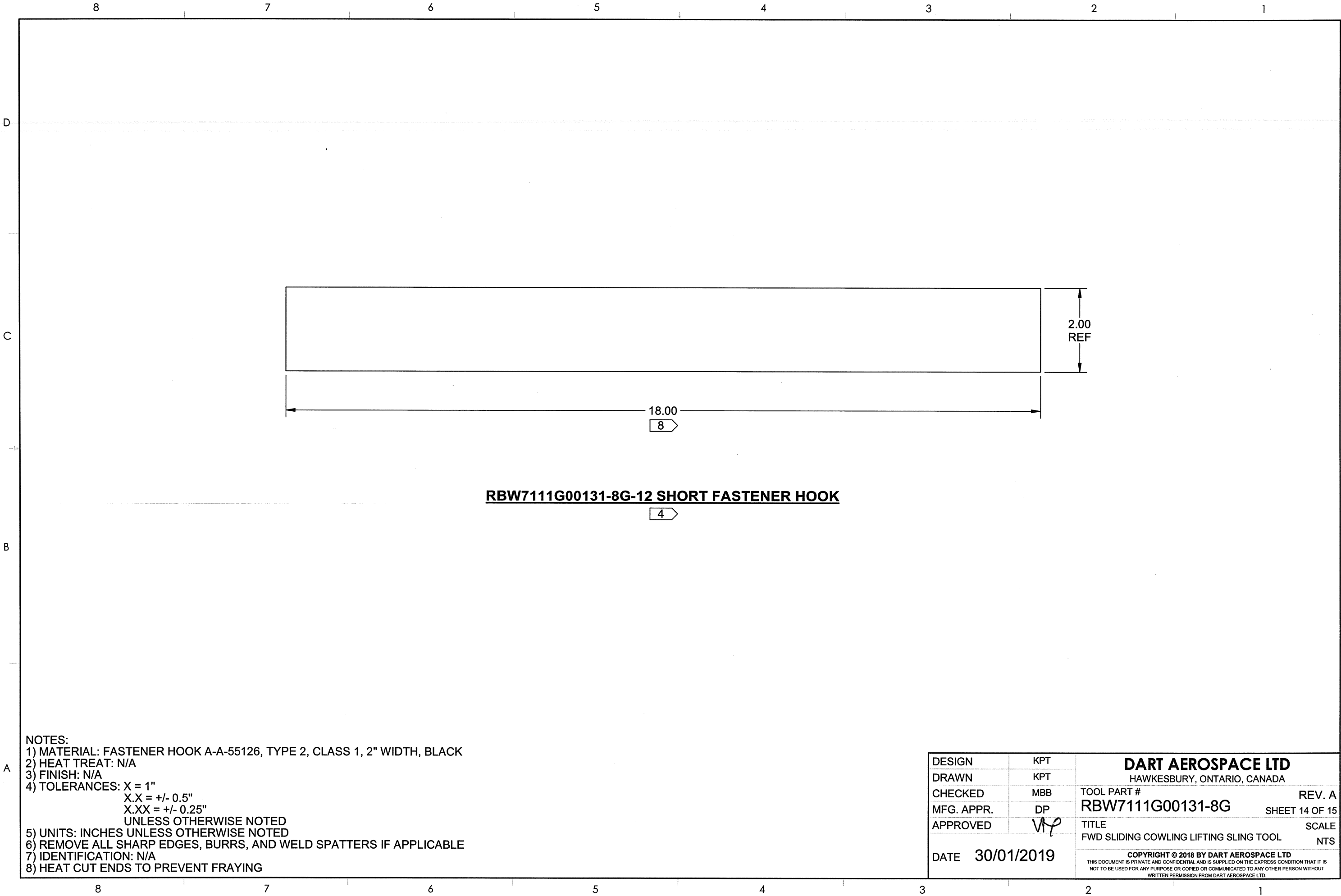
DESIGN	KPT	DART AEROSPACE LTD	
DRAWN	KPT	HAWKESBURY, ONTARIO, CANADA	
CHECKED	MBB	TOOL PART #	REV. A
MFG. APPR.	DP	RBW7111G00131-8G	SHEET 11 OF 15
APPROVED	VY	TITLE	SCALE
DATE 30/01/2019		FWD SLIDING COWLING LIFTING SLING TOOL	NTS
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NOTES:
1) MATERIAL: MURDOCK WEBBING #10702 P, 4" WIDTH, ORANGE
2) HEAT TREAT: N/A
3) FINISH: N/A
4) TOLERANCES: X = 1"
 X.X = +/- 0.5"
 X.XX = +/- 0.25"
 UNLESS OTHERWISE NOTED
5) UNITS: INCHES UNLESS OTHERWISE NOTED
6) REMOVE ALL SHARP EDGES, BURRS, AND WELD SPATTERS IF APPLICABLE
7) IDENTIFICATION: N/A
8) HEAT CUT ENDS TO PREVENT FRAYING

DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	MBB	TOOL PART #	REV. A
MFG. APPR.	DP	RBW7111G00131-8G	SHEET 12 OF 15
APPROVED	<i>VP</i>	TITLE	SCALE
DATE 30/01/2019		FWD SLIDING COWLING LIFTING SLING TOOL	NTS
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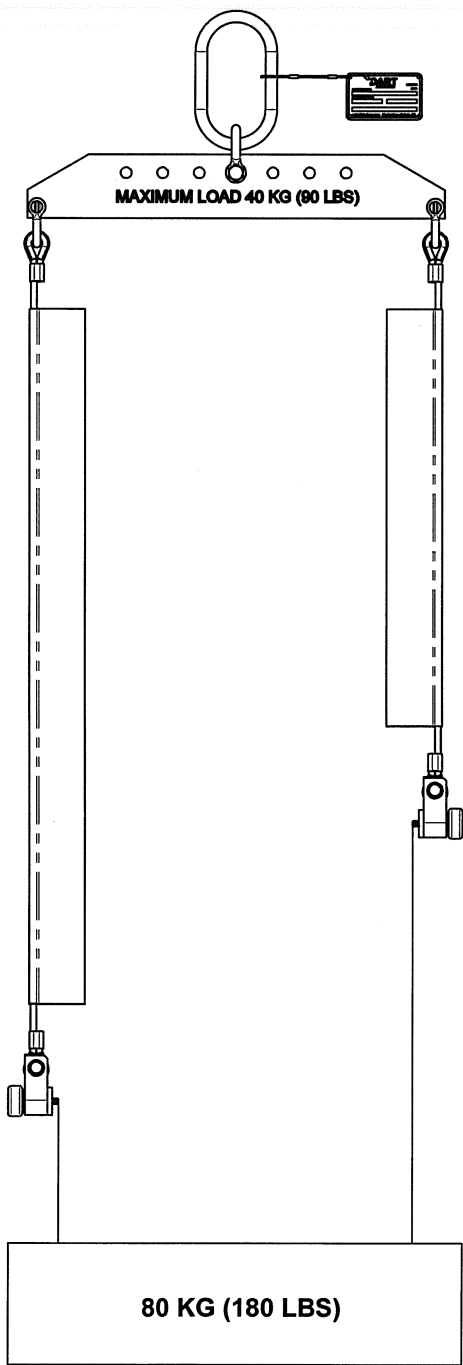


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FIRST ARTICLE WEIGHT TEST

- 1. AFTER INSPECTION, PLACE SLING ASSEMBLY ON AN OVERHEAD LIFTING DEVICE. ATTACH SLING TO AN APPROPRIATE TEST WEIGHT TEST WEIGHT OF 80KG / 180 LBS.
- 2. LIFT WEIGHT FOR AT LEAST 5 MINUTES, CONTINUALLY CHECKING FOR CRACKS, DEFLECTION, DISTORTION OR DAMAGED/FRAYED STRAPS.
- 3. REMOVE WEIGHT AND RE-INSPECT SLING, CHECKING FOR STRESS CRACKS, BENDING, DISTORTIONS OR DAMAGED/FRAYED STRAPS.

INSPECTOR: _____

TESTER: _____

S/N: _____


DATE: _____

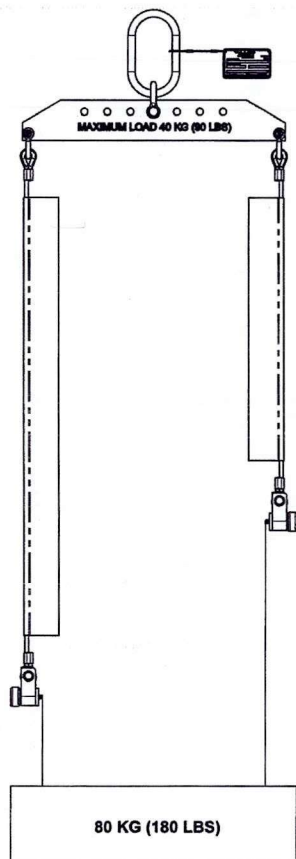
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DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	MBB	TOOL PART #	REV. A
MFG. APPR.	DP	RBW7111G00131-8G	SHEET 15 OF 15
APPROVED		TITLE	SCALE
DATE 30/01/2019		FWD SLIDING COWLING LIFTING SLING TOOL	NTS
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FIRST ARTICLE WEIGHT TEST

1. AFTER INSPECTION, PLACE SLING ASSEMBLY ON AN OVERHEAD LIFTING DEVICE. ATTACH SLING TO AN APPROPRIATE TEST WEIGHT TEST WEIGHT OF 80KG / 180 LBS.
2. LIFT WEIGHT FOR AT LEAST 5 MINUTES, CONTINUALLY CHECKING FOR CRACKS, DEFLECTION, DISTORTION OR DAMAGED/FRAYED STRAPS.
3. REMOVE WEIGHT AND RE-INSPECT SLING, CHECKING FOR STRESS CRACKS, BENDING, DISTORTIONS OR DAMAGED/FRAYED STRAPS.

QC INSPECTOR: PD / DAS 40
 TECH TESTER: SAD 19.05.01
 S/N: 5177096
 DATE: 19.05.01

TOOL LOAD CELL: # 10053 1401053

DESIGN	KPT	DART AEROSPACE LTD	
DRAWN	KPT	HAWKESBURY, ONTARIO, CANADA	
CHECKED	MBB	TOOL PART #	REV. A
MFG. APPR.	DP	RBW7111G00131-8G	SHEET 15 OF 15
APPROVED	<i>[Signature]</i>	TITLE	SCALE
		FWD SLIDING COWLING LIFTING SLING TOOL	NTS
DATE	30/01/2019	<small>COPYRIGHT © 2018 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	